

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,103,448 B2  
APPLICATION NO. : 10/695664  
DATED : September 5, 2006  
INVENTOR(S) : Tetsuaki Kato et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page Column 1 Item [75] (Inventors) , Line 1, change "Hadano" to --Hadano-shi--.

Title Page Column 1 Item [75] (Assignee) , Line 1, change "Inaternet, P." to --Internet, pp.--.

Column 1, Line 28, change "(i.e." to --(i.e.,--.

Column 1, Line 29, change "(i.e." to --(i.e.,--.

Column 3, Line 9, change "(i.e." to --(i.e.,--.

Column 3, Line 10, change "(i.e." to --(i.e.,--.

Column 3, Line 32, change "etc." to --etc.,--.

Column 3, Line 53, change "(i.e." to --(i.e.,--.

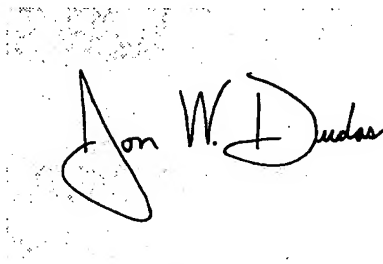
Column 5, Line 23, change "e.g." to --e.g.,--.

Column 5, Line 63, change "endoders" to --encoders--.

Column 9, Line 1, change "e.g." to --e.g.,--.

Signed and Sealed this

Twenty-second Day of May, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas", is written over a faint, circular official seal of the United States Patent and Trademark Office.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*